

Title (en)  
REGULATING THE MODE OF OPERATION OF AN INTERNAL COMBUSTION ENGINE

Title (de)  
REGELUNG DER BETRIEBSWEISE EINER BRENNKRAFTMASCHINE

Title (fr)  
REGLAGE DU MODE DE FONCTIONNEMENT D'UN MOTEUR A COMBUSTION INTERNE

Publication  
**EP 1525382 A1 20050427 (DE)**

Application  
**EP 03787594 A 20030614**

Priority  
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• DE 10235665 A 20020731

Abstract (en)  
[origin: DE10235665A1] The method involves a regulating device (2) sampling signals (3), frequency analysis (5) in a following device and cylinder classification (7) in a further device, determining a revolution rate signal and transforming it into an angular frequency range using a Hartley transformation. Smooth engine running regulation is carried out by detecting and regulating rough running. Independent claims are also included for the following: (a) a device for regulating the operation of an internal combustion engine (b) and an internal combustion engine in a motor vehicle with an inventive regulating device.

IPC 1-7  
**F02D 41/34**; **F02D 41/14**

IPC 8 full level  
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